SAMSUNG

Digital Photo Frame

SPF-83M

Frame manager

Click Frame Manager icon to run the install file.
You can find the installed Frame Manager in C:/Program Files/Samsung/Frame Manager.
To run Frame Manager, click Start and point to Programs, and then click Samsung > Frame Manager > Frame Manager.

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Acrobat Reader | PDF manual | Regulatory | Frame Manager XP | Frame Manager PDF Manual

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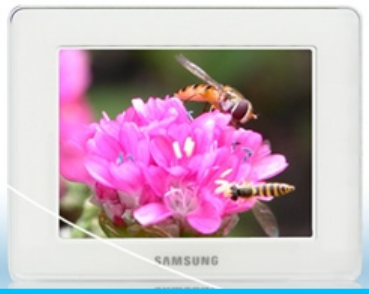


Digital Photo Frame

SPF-83M

Safety Instructions

| Safety Symbols | Power | Installation | Using and Cleaning |

Safety Symbols

※ Make sure to follow the directions below to prevent accidents and damage to the product.

Warning	Failure to follow the accompanying directions may lead to serious injury or death.
Attention	Failure to follow the accompanying directions may lead to minor personal injury or property damage.

| Safety Symbols | Power | Installation | Using and Cleaning |

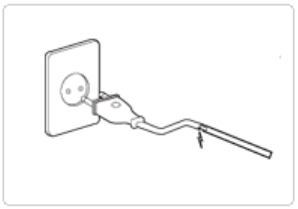
Power

※ The images here are for reference only, and are not applicable in all cases (or countries).

Warning

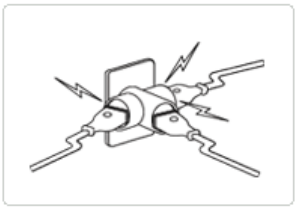
Insert the power plug correctly until it is firmly in place.

- Failing to do so, may cause fire.



Do not use a damaged power plug, cord or outlet, as this may cause electric shock or fire.

Do not touch the power plug with wet hands, as this may cause electric shock.



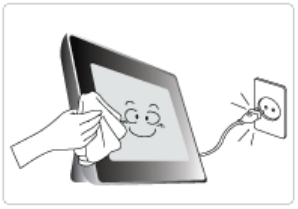
- **Do not connect more than one appliance to a single outlet, as an overheated outlet may cause fire.**

- **Do not use force to pull the power cord. Don't place anything heavy on the power cord, as this may cause electric shock or fire.**

- **Make sure to turn the power off and disconnect the power plug from the outlet before moving the product. Make sure to disconnect the connection cables from other devices as well.**
  - Moving the product without disconnecting the power cord may damage it while moving, and may cause electric shock or fire.

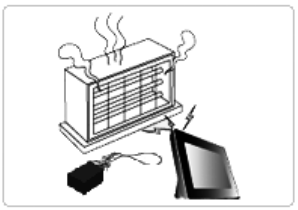
Attention

- **Hold and pull out the plug by its body when disconnecting it from the outlet, as pulling the plug out by the cord may cause it to be damaged.**
  - Failing to do so, may cause fire, or the product may not turn on normally.



- **Ensure that the power plug is disconnected before cleaning the product.**
  - Failing to do so, may cause electric shock or fire.

- **Keep the product away from places exposed to oil, smoke or moisture; do not install inside a vehicle.**
  - This may cause a malfunction, electric shock or fire.
  - In particular, avoid operating the monitor near water or outdoors where it could be exposed to snow or rain.



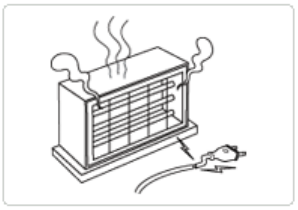
- **Do not install the product near any heating appliance.**
  - There is a risk of fire.

Installation

Warning

When installing the product on a cabinet or shelf, do not let the front end of the product project beyond its front edge.

- Failing to do so, may cause the product to fall, resulting in a product malfunction or personal injury.



Do not place the power cord near a heater, as the power cord may melt, causing electric shock or fire.

Do not install the product in a car or a location exposed to oil, smoke, moisture, water, or rainwater.

- Any contact of these materials with the product may cause electric shock or fire.

Disconnect the power plug when there is thunder or lightning.

- Failing to do so, may cause electric shock or fire.

Attention

Place the product down gently when installing it.

- Failing to do so may cause product damage or personal injury.

Avoid dropping the product when moving, as this may cause product damage or personal injury.

Do not install the product in a location easily reached by children.

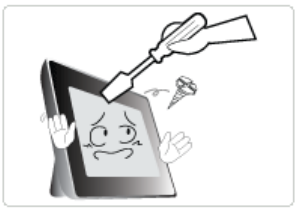
- As the product may fall and cause personal injury.

Using and Cleaning

Warning

Do not insert any metal objects such as forks, wire, or gimlets, or flammable items such as paper or matches into the ports at the back of the product, as this may cause electric shock or fire.

- If water or any foreign substance enters the product, make sure to turn the product off disconnect the power plug from the outlet, and contact a **service center**.



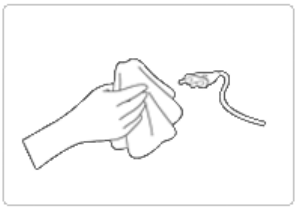
Never disassemble, repair, or modify the product yourself.

- If you need to repair your product, contact a **service center**. An attempt at repairing this product may cause electric shock or fire.

Attention

If you hear a strange sound, smell anything burning, or see smoke, disconnect the power plug immediately and contact a service center.

- Failing to disconnect the power plug may cause electric shock or fire.



Always remove dust and water from the pins and connections of the power plug.

- Failing to do so may cause electric shock or fire.

When cleaning the product, first disconnect the power plug and clean it with a soft, dry cloth.

- Do not use any chemicals such as benzene, alcohol, thinners, mosquito repellant, aromatic, lubricant, detergent or wax.

When not using the product for a long time, make sure to disconnect the power plug.

- Heavy accumulated dust may cause electric shock or fire.

If the product needs to be installed in a location that doesn't satisfy general conditions, make sure to contact one of our service engineers about the installation as the product may encounter serious quality problems due to its environment.

- This refers to locations exposed to conditions such as heavy fine dust, chemicals, high or low temperature, moisture, or when the product needs to be used continually without a break over a long time.

If the product has been dropped or the product casing is damaged, turn it off and

disconnect the power plug.

- Using the product without verifying that it has not been damaged may cause electric shock or fire. Please contact a **service center**.

Correct Disposal of This Product
(Waste Electrical & Electronic Equipment) - Europe only

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household waste at the end of its working life. To prevent possible harm to the environment or damage to health from uncontrolled waste disposal, please separate this from other types of waste and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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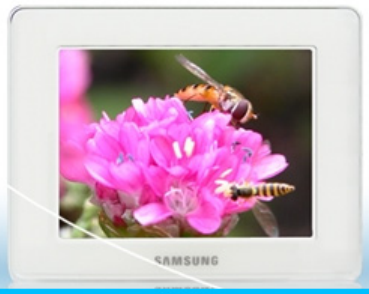


Digital Photo Frame

SPF-83M

Overview

| Features | Components | Front | Back | Side |

Features

01 Expand the memory capacity with a memory card. Enjoy stored images immediately.

- By connecting a CF or SD /MS memory card of your digital camera to your digital photo frame, you can enjoy the images on your digital photo frame quickly and easily. This also provides a way to expand the memory capacity of your digital photo frame.

02 Stylish design

- With its sleek and clean, high class design, your digital photo frame doubles as an ornament for your desk or table.
- A 360 degree rotating stand allows both horizontal and vertical installations.

| Features | Components | Front | Back | Side |

Please check that all components are contained in the delivered package.
If anything is omitted, contact the local distributor where the product was purchased. For optional items, contact a **service center**.
Never use a power adapter other than the adapter provided with the product.

Components

Digital Photo Frame
(Colors may differ for each product.)

Manual

Quick Start

Warranty
(Not available in all locations)

User Manual

Cables

Power cord

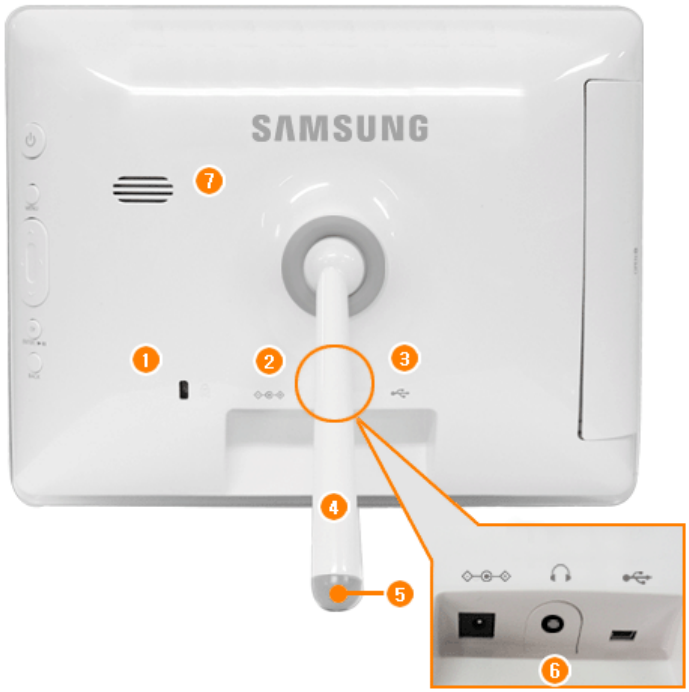
USB cable
(A-mini B type)

Power Adapter

Front

| Features | Components | Front | Back | Side |

Back



1	**Kensington lock**	The Kensington lock is a device used to physically secure the system when using it in a public place. (The locking device has to be purchased separately.) **For using a locking device, contact where you purchase it.**
2	**DC –In Jack**	Connect the power adapter to this jack. Connect the power cord to the power terminal of the power adapter.
3	**USB connection terminal**	Connect a PC or an external device using a USB cable. **Up stream terminal** Connect your digital photo frame to a PC's USB terminal with a USB cable. (Compatible to USB 1.1(host)) ※ Make sure to use the USB cable (A-mini B type) provided with the product when connecting your digital photo frame to a PC through the up stream terminal.
4	**Stand**	A stand allows both horizontal and vertical installations. If your digital photo frame is installed vertically, you can rotate your photos using the rotation function to fit to the vertical installation.
5	**Sliding Prevention Holder**	Supports the product so that it stays firmly in place on slippery surfaces.
6	**Headphone connection jack**	Connect your headphones to the Headphone connection jack.
7	**Speaker**	You can listen to music files and movies.

[⏻] Power Button **Power Indicator**	Turns the product on or off. Hold down the power button at the right of the product for about 2 seconds. Connect the power cord to the power terminal of the power adapter. Shows the power status. When the product is powered on, the power light turns on.
[MENU] Menu Button	Displays the menu window at the bottom left corner of the screen.
[VOL +] Volume Button **[∧] Up Button**	Adjusts the sound volume when playing music files or movies. Used for moving up.
[<] Left Button	Used for moving left.
[>] Right Button	Used for moving right.
[VOL -] Volume Button **[∨] Down Button**	Adjusts the sound volume when playing music files or movies. Used for moving down.
[ENTER(↵)] Enter Button **[▶II] Play / Pause Button**	Used for selection. Play / Pause during playback.
[BACK] Back Button	Return to the previous menu.

1 CF SD MS — You can insert a CF, SD , MS card into this slot to view and use the contents stored on it.

2 — Connect a PC or an external device using a USB cable.

Down stream terminal Connect your digital photo frame to a USB-supporting storage device with a USB cable.

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Connecting

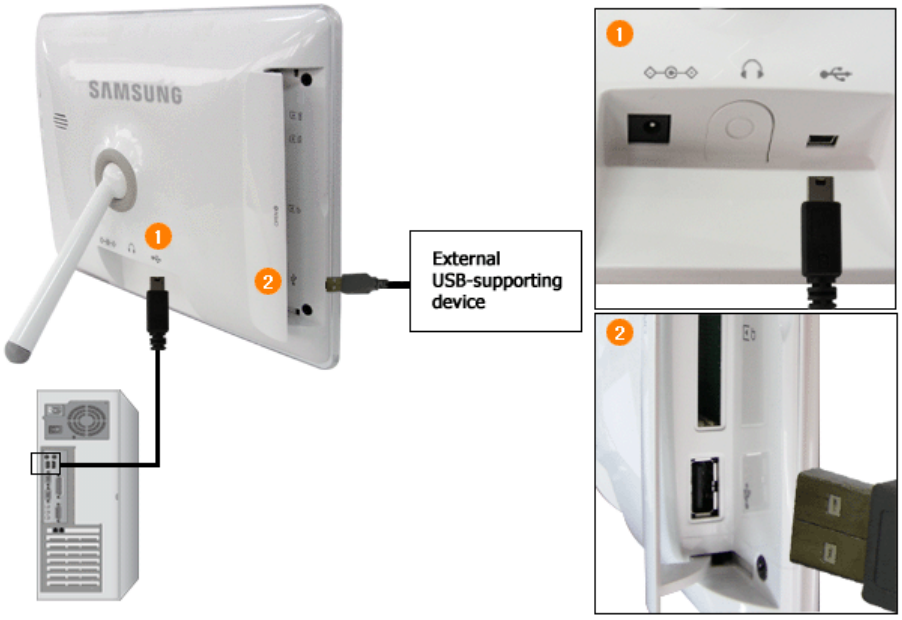
| Power | USB | Memory Card |

Connecting the Power

1. Connect the power adapter to the terminal at the back of the product.
2. Connect the power cord to the power adapter.
3. Plug the power cord for the product into a nearby outlet.
4. Press the button at the right of the product to turn the product on.

| Power | USB | Memory Card |

Connecting via USB

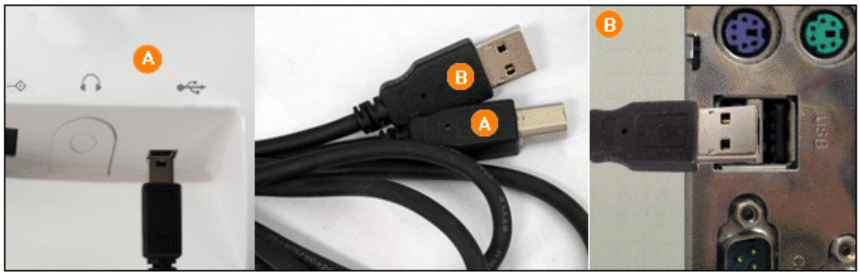


1 Up Stream Terminal Used to connect your digital photo frame to a PC.

※ When connecting your digital photo frame to a PC through the up stream terminal, make sure to use the USB cable provided with the product.

2 Down Stream Terminal Used to connect an external USB-supporting device to your digital photo frame.

※ Some USB devices may not support Digital Photo Frame.
※ This product does not support USB card readers. Only USB storage is supported.
※ The external devices connected to your Digital Photo Frame are not recognized by your PC.
※ When connecting an external device to the down stream terminal, use the USB cable provided with the external device. (For more information on external devices and their cables, contact a relevant service center.)
※ Samsung carries no liability for external device malfunctions caused by using any cable except the standard cables specified for each device.
※ Some external products provide a cable that does not meet USB standards. Hence, they may cause a malfunction.
※ If an external storage device does not work normally when connected to your digital photo frame, try to connect it to your PC. If it still does not work normally when connected to your PC, contact a service center for that external device or your PC.



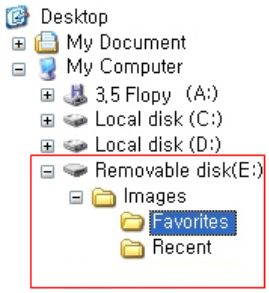
A Connect to the upstream jack of your digital photo frame.

B Connect the USB terminal of your PC.

Folder Structure

When connecting this product to your PC, it is displayed as a removable disk (E:), as shown in the figure below.
You can save and play all music and movie files in the following folders.
You can also add and delete folders as required. (However, if you delete the following default folders, they are automatically created when your product is turned on again.)

01 **images** A default folder created by the product



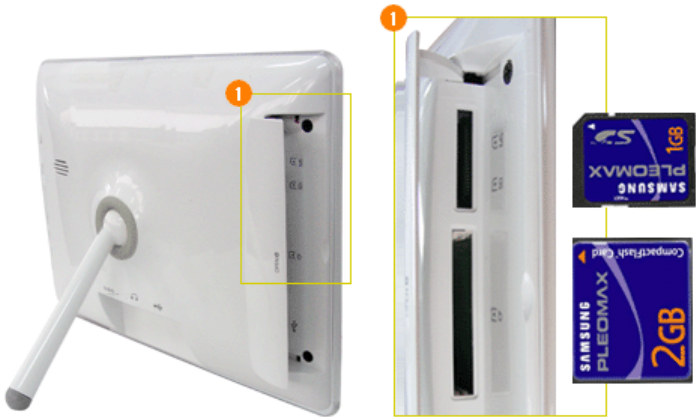
(The full path displayed in the Digital Photo Frame: Photos / frame memory / images)

02 **Favorites** Mainly stores photos.

03 **Recent** Temporarily stores the last displayed photo.

※ The capacity of this product is 64 MB.
If the capacity is exceeded, no further files can be stored.
※ Do not turn off the product while saving, playing, or deleting a file.
※ The volume name of the removable disk (for example, E:, F:, G:) may differ depending on your computer environment.

Connecting a Memory Card



1 **CF/SD /MS CARD** Slide the card in the direction marked on the top of the card.

※ Removing the memory card while playing MP3s, movies, or photos, may cause the product to operate abnormally. In this case, turn the product off and on.

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Using

| Buttons | Photos | Music | Video | Settings |

Buttons

Control Buttons

Button	Description
⏻	Turns the product on or off. Hold down the power button on the side of the product for about 2 seconds.
MENU	Opens the on-screen menu and exits from the menu.
VOL +, VOL -	Push the button to adjust volume.
^,v,<,>	These buttons allow you to adjust items in the menu.
ENTER(↵)	Activates a highlighted menu item.
BACK	Use this button to step one step back in the menu.

| Buttons | Photos | Music | Video | Settings |

Photos

List Menu

※ When pressing the MENU button, the on-screen menu is displayed on the screen.

※ When a file or folder name includes letters and numbers other than English, it may be displayed as '*'. This is neither an error of the product nor of the file.

Upper OSD	Sub OSD Description
Show Pictures From	◆ Memory Card, CF Card, USB Disk, Frame Memory Select a connected storage media. You can only select an external device which is currently connected.

Thumbnail List Menu

※ When pressing the MENU button, the on-screen menu is displayed on the screen.

※ When a file or folder name includes letters and numbers other than English, it may be displayed as '*'. This is neither an error of the product nor of the file.

Upper OSD	Sub OSD
	Description
Start Slide Show	Start Slide Show
Copy	• Copy File, Copy All Files
	You can copy the selected file to other connected storage devices.
Delete	• Yes, No
	Delete the file.
Set as Background	Sets the currently selected image as the Home Background for the main screen. At this time, the Home Background in the Settings menu is automatically set to Custom.
Background Music	• On, Off, Setting
	Set the Background Music to On by pressing the Menu button. Then set the Background Music to Setting by pressing the Menu button again and selecting the music you want from among the music files saved on the Frame Memory or the connected external memory.

※ When copying photos from an external memory storage device (SD /MS, CF, USB memory) to the internal memory, the size of each photo is automatically reduced to fit the size of the screen. Therefore only use the photos stored on the internal memory with a digital photo frame.
When copying photos to the internal memory, the EXIF information (camera-related information) stored in the photo is removed and this may take a long time if a lot of files are copied at the same time.

Slideshow Menu

Upper OSD	Sub OSD	Detail OSD
	Description	
Pause Slide Show/ Resume Slide Show	Pause Slide Show/Resume Slide Show	
Slide Show Settings	Transition	• Fade, Wipe, Slide, Blind, Checker, Random, None
	Select an effect for your slide show when transitioning between images.	
	Interval	• 5 Seconds, 10 Seconds, 20 Seconds
	Controls the time intervals between image files for a slide show.	
	Repeat	• On, Off
	Select the Repeat for displaying images.	
	Shuffle	• On, Off
	Select whether to playback the files sequentially or in shuffle mode.	
Brightness	• 0~100	
	Adjust the brightness from 0 to 100.	
Rotate	• Original, 90°, 180°, 270°	

	You can rotate an image 90°, 180°, or 270°. You can also keep the image as is by selecting Original.
Aspect Ratio	◆ Original, Auto Fit, Fit To Width, Fit To Screen
	Select an aspect ratio for images to display.
Delete	This function deletes a picture being used for the current SlideShow.
Set as Background	Sets the image being displayed in the slide show as the Home Background for the main screen.
Background Music	◆ On, Off, Setting You can specify the background music for your slide shows. Select On and move to Settings. Then select the music you want to play. You can adjust the volume using the ∧ ∨ buttons to the right of your digital photo frame.

Direct Functions (Slide Show)

Button	Description
>	Play the next file in the list.
<	Play the previous file in the list.
▶ II	Pressing the ▶ II button alternately plays and pauses the file.
MENU	Opens the on-screen menu and exits from the menu.

Music

List Menu

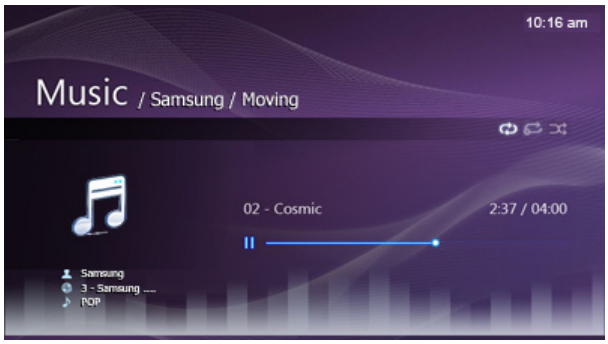
※ When pressing the MENU button, the on-screen menu is displayed on the screen.

※ When a file or folder name includes letters and numbers other than English, it may be displayed as '*'. This is neither an error of the product nor of the file.

Upper OSD	Sub OSD
	Description
Music Source	◆ Memory Card, CF Card, USB Disk, Frame Memory
	Select a connected media storage device. You can only select an external device which is currently connected.
Playback Mode	◆ Once, Repeat, Repeat Once, Shuffle
	Select to playback music files either Once, repeatedly or randomly.
	◆ Copy File, Copy All Files

Copy	You can copy the selected file to other connected storage devices.
Delete	Delete the file.

Play Menu



※ When pressing the MENU button, the on-screen menu is displayed on the screen.

※ When a file or folder name includes letters and numbers other than English, it may be displayed as '*'. This is neither an error of the product nor of the file.

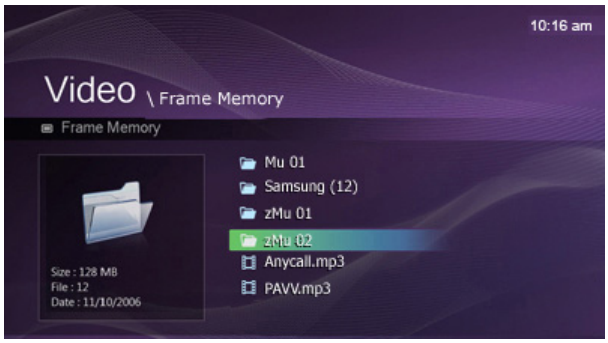
Upper OSD	Sub OSD
	Description
Playback Mode	◆ Once, Repeat, Repeat Once, Shuffle
	Select to playback music files either Once, repeatedly or randomly.
Brightness	◆ 0~100
	Adjust the brightness from 0 to 100.

Direct Functions

>	Plays the next file.
<	Plays the previous.
∧,∨	Adjusts the volume.
▶II	Plays and Pauses a file.
MENU	Displays the menu. Exits the menu.

Video

List Menu



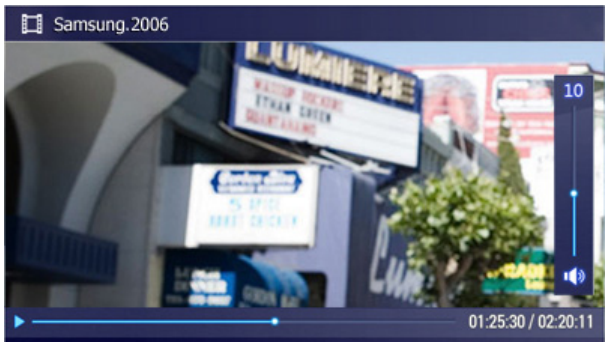
※ When pressing the MENU button, the on-screen menu is displayed on the screen.

※ When a file or folder name includes letters and numbers other than English, it may be displayed as '*'. This is neither an error of the product nor of the file.

	Sub OSD

Upper OSD	Description
Video Source	◆ Memory Card, CF Card, USB Disk, Frame Memory(:default value)
	Select a connected media storage device. You can only select an external device which is currently connected.
Playback Mode	◆ Once, Continuous
	You can playback movie files either Once or Continuously.
Copy	◆ Copy File, Copy All Files You can copy the selected file to other connected storage devices.
Delete	Delete the file.

Play Menu



※ When pressing the MENU button, the on-screen menu is displayed on the screen.

※ When a file or folder name includes letters and numbers other than English, it may be displayed as '*'. This is neither an error of the product nor of the file.

Upper OSD	Sub OSD
	Description
Playback Mode	◆ Once, Continuous
	Select a mode among Once, Continuous.
Brightness	◆ 0~100
	Adjust the brightness from 0 to 100.

Direct Functions

>	Play the next file.
<	Play the previous.
∧,∨	Adjust volume.
▶II	Plays and Pauses a file.
MENU	Displays the menu. Exits the menu.

Settings

Set the Settings

10:16 am
Settings
1/17
Language : English
Strating Mode : Home
Auto Rotation : On
Date and Time : 12/31/2007 10:16 am
Time Zone : (GMT-08:00) Pacific Time (US & Canad...
Daylight Saving Time : Off
Time Format : 12 hours
Alarm : Inactivation

Upper OSD	Sub OSD
	Description
Language	◆ English, Deutsch, Español, Français, Italiano, Русский, Português, Türkçe, 繁體中文, 简体中文, 한국어 Select a language to use for your product.
Starting Mode	◆ Home, Last Mode
	You can select the menu which is displayed when your Digital Photo Frame starts.
Auto Rotation	◆ On, Off
	On : If you set the frame on its edge, the sensor detects the change and rotates the picture automatically. Off : If you set the frame on its edge during a SlideShow, even if the sensor detects the change, the picture does not rotate accordingly.
Date and Time	◆ Month, Day, Year, Hour, Minute, am/pm Enter and set Month, Day, Year, Hour, Minute or am/pm. Whenever the power plug is disconnected, the Date and Time information is lost. Therefore, you need to reset them each time
Time Zone	You can select the Time Zone that you are in. Select a Time Zone.
Daylight Saving Time	◆ On, Off
	Selects whether to apply Daylight Saving Time depending on the Time Zone and Summer Time.
Time Format	◆ 12 Hours, 24 Hours
	You can select whether to display the time in the 12 or 24 Hours mode. In 24 Hours, am and pm will not be displayed.
Alarm	◆ Activation, Hour, Minute, am/pm, Repeat, Sound, Volume
	You can set alarms.
Auto Picture On/Off	◆ Activation, Hour, Minute, am/pm
	Your product will turn on at the specified time automatically. Your product will turn off at the specified time automatically. If the screen was turned off at the Off Time, it turns on again when a key other than the Power key is pressed. ※ When your Photo Frame is connected to your PC as a Mass Storage device using a Mini-Monitor or USB cable, the screen will not be turned off even at the Off Time.
OSD Color Theme	◆ Violet Style, Blue Style, Green Style, Orange Style
	You can select a color theme for the OSD background.
Home Background	◆ Default, Custom You can reset the Home Background of the main menu to the default image.
Timeout	◆ 1 Minute, 3 Minutes, 5 Minutes
	Select the time for the screensaver to start. However, if no button is operated for one minute, the screensaver starts, regardless of the Timeout Settings on the Main menu.
Brightness	◆ 0~100 Adjust the brightness from 0 to 100.
Button Sound	◆ On, Off
	You can turn the sound of the operation buttons on or off.

Firmware Update	Update the product using external memory(CF/SD /MS,USB). Please visit **www.samsung.com** for the latest firmware update.
Reset Settings	• Yes, No Reverts the product Settings to factory defaults.
Product Information	• Model, Firmware Version, Copyright
	View the product information.

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Applications

Initial Settings
I want to update firmware.
I want to connect to a monitor by using Mini-Monitor program. (Windows XP only)

Initial Settings

1. Choose Your Language	
	Turn on your Digital Photo Frame and select a language. You can change the language via Settings -> Language.

I want to update firmware.

01 Preparations

01 Digital Photo Frame
02 Firmware update file.
03 USB memory or external memory devices (CF, SD /MS)
※ Please visit **www.samsung.com** for the latest firmware update.

02 Connect USB memory to PC

01 If you are ready, connect the USB memory to your PC.
02 Copy the firmware update file you downloaded to the USB memory.
※ (Make sure to copy the firmware update file to the root directory.)

03 Connect USB memory to Digital Photo Frame

01 Remove the USB memory from your PC, and connect it to your Digital Photo Frame.
※ If your Digital Photo Frame is off, turn it on.

04 Select Update

01 Select **Firmware Update** of **Settings**.

05 Updating

01 The update progression is displayed on the screen.
02 After boot-up, turn your Digital Photo Frame off, remove the USB memory, and turn your Digital Photo Frame on again, for maximum safety.
※ Do not remove the USB memory during the update operation.

Do not press any key during the update operation.
Do not insert any other card during the update operation.
Do not turn your Digital Photo Frame off during the update operation.
You can identify whether the update operation has finished successfully or not by checking the firmware version of your Digital Photo Frame is changed to the version of the firmware update.

I want to connect to a monitor by using Mini-Monitor program. (Windows XP only)

The Digital Photo Frame not only allows you to appreciate photos but also provides an additional Mini-Monitor function. The Mini-Monitor is a function for using the Digital Photo Frame as an auxiliary monitor. Its usage is simple as the Digital Photo Frame connects to your PC via a USB cable. This function allows you to work more efficiently at your PC by using an additional monitor. To use your digital photo frame as a Mini-Monitor, first install the Frame Manager program. (However, please note that you can use only one digital photo frame as a Mini-Monitor.)

Installing Frame Manager

Frame Manager User's Manual

Using your digital photo frame as a Mini-Monitor.
Using your digital photo frame as Mass Storage.
Changing the current mode to another mode
Adjusting the brightness
Updating the firmware

※ System Requirements

- **OS** : Windows XP SP2
- System Processor Speed : 1.5 GHz
- **USB** : Extended Host Controller (EHCT) for USB 2.0
- **RAM** : 256 MB or above

※ Caution

1. Windows XP Service Pack 2 must be installed.
   It might not operate with any operating systems other than Windows XP SP2. We are not liable for problems that may occur when installing it on an operating system other than Windows XP SP2.
2. We recommend a CPU speed of 2.4 GHz or higher.
   Your digital photo frame might not operate normally if the performance specifications of your PC are lower than the recommendations.
3. Make sure to install it correctly as directed in the Installation Guide.
4. Do not use your Mini-Monitor as a primary monitor.
   We are not liable for any problems that may occur if you do not follow the directions. If it is used as a primary monitor, the screen may be blank.
5. Make sure to use the provided USB cable.
6. When using your digital photo frame as a Mini-Monitor, all buttons except for the Power button will not operate.
7. Move the programs displayed and used on the Mini-Monitor to the primary monitor after you have finished using it.
8. With some video cards, Mini-Monitor may not operate normally. In this case, set Hardware acceleration to Full.
   ※ To set Hardware acceleration to Full: Right-click on the Windows Desktop and select Properties from the displayed menu. The Display Properties window appears. Click the Settings > Advanced > Troubleshoot tab. Move the Hardware acceleration slide to Full.

※ Limitation and Recommendation

- Limitation : Hardware graphics acceleration such as DirectX or OpenGL is not supported on the Mini-MonitorDisplay as it would require the emulation of a graphics processor by your standard CPU which would not be favourable. Media players which are using DirectX will not work properly on Mini-Monitor Display.
  > Example: GOM player,VLC Player

- Recommedation : Do not use/run directX or openGL application on Mini-Monitor display.

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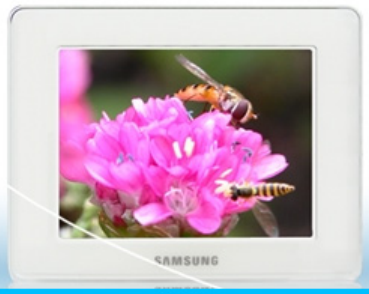
Digital Photo Frame

SPF-83M



Digital Photo Frame

SPF-83M

Specifications

| Specifications | Supported Files |

Specifications

Items		Specifications
Model Name		SPF-83M
Panel	Type	8 "(20 cm)TFT
	Resolution	800 x 600
	Interface	Digital 6 bit
Supported Formats		Support for MPEG1, 4, and WMV9 scaled up to 1024x768 MPEG4 SP, ASP/L3,L5 (720x480, 2Mbps, 30fps) WMV9 SP, MP/medium level (720x480, 2Mbps, 30fps) JPEG max Image Resolution 3200x2400(8Mb) (Progressive JPEG is not supported.)
Built-in Memory		64 Mb
Audio		1 W x 1 built-in speaker
USB		USB 2.0 (One up stream (device 2.0) and one down stream (host 1.1), External Memory Reader is not supported)
Media (Memory Card)		2 in 1(SD≤4Gb / MS≤32Gb), CF ※ SDHC (High-Capacity) cards are not supported.
Power	Rating	External Power Adapter (12 V, 2 A, 24 W)
	Consumption	Max 12W, Normal 10W, Off mode(Power Switch Off) under 1W
Content Files	Photo File	Slide Show/Interval/Effect Image Rotate(auto,manual)/ Thumbnail View
	Music File	MP3
	Movie File	MPG, MPEG4, WMV9

General	Dimensions (WxHxD)	230.5 x 182.4 x 120 mm / 9.07 x 7.18 x 4.72 inch
	Weight	650 g / 1.43 lb

※ **The product design may differ according to the model, and specifications are subject to change without prior notice for product performance enhancement.**

Class B Equipment (Information Communication equipment for residential use)
This product complies with the Electromagnetic Compatibility Directives for residential Use and can be used in all areas including common residential areas. (Class B equipment radiates less electromagnetic influences than class A equipment.)

Supported Files

- The Digital Photo Frame uses these modules:
  WinCE 5.0
  For more information, visit the following web sites:
  RMI Alchemy Developer Support Site(**http://209.254.132.52/RMI/EmbeddedDeveloper.nsf**)

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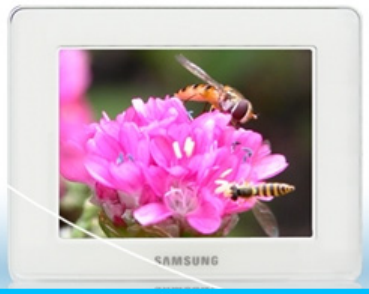

Digital Photo Frame

SPF-83M

Troubleshooting

| Troubleshooting | Terminology | Service Centers |

Troubleshooting

This section lists various problems and solutions encountered by users while using the digital photo frame. When encountering a problem, first check the list below and follow the suggested action if one matches your problem. If the problem still persists, contact or visit the nearest **service center**.

Symptoms	Possible Causes and Suggested Actions
My Digital Photo Frame does not turn on.	◆ Check the power connection between the product and the power adapter. ◆ Check whether the Samsung logo is displayed in full screen mode when pressing the power button.
The power turns on but the screen is blank.	◆ Check the memory card type. If this is not inserted correctly or is not of a supported type, the photo may not display on the screen. (This product supports USB memory and CF/SD /MS cards only.) ◆ Check the file extensions if the card and other connections are correct. (This product supports the JPEG image format, MPG1, MPEG4 and WMV9 movie formats, and MP3 music file format only. See Specifications.)
It takes some time to display an image after the digital photo frame turns on.	◆ Loading a file from an external memory card may take several seconds. (This depends on the file format and size.)
No screen is displayed and just sound is heard for MPEG4 and WMV9 movies.	◆ Loading a large sized file may take quite a long time. (This is a matter of specifications.)
The aspect ratio of the screen looks abnormal.	◆ Select one of the four values in the Menu>Aspect Photo >Original, Auto Fit, Fit To Width, Fit To Screen menu using the buttons on the right side of the product. (**See Menu>Aspect Photo>Original, Auto Fit, Fit To Width, Fit To Screen**)
The screen color is dimmed or too strong.	◆ Adjust the brightness in the Settings>Brightness menu using the buttons on the right side of the product. (**See Settings>Brightness**)
I have connected an external device (USB memory device or MP3 player), but it does not work.	◆ Check the cable connection between the product and the external device. ◆ Check whether the external device works as a standalone, and check the format of the files stored on it. ◆ Only USB devices supporting Windows CE 5.0 can be supported. Please check that your USB device supports Windows CE 5.0.
The screen is displayed but there is no sound for MPEG4 and WMV9 movies.	◆ Try to check the original movie contents file on your PC. ◆ If there is no noticeable error in the settings, it may take some time to switch to the next file depending on the file size and format.
The screen is displayed but there is no	◆ Try to change the Volume menu using the buttons on the right side of the

sound for MPEG4 and WMV9 movies.	product.
The movie freezes at some points.	◆ Freezing may happen depending on the status of the movie file. ◆ Breakings could happen during playback depending on the type and size of movie file.(High bps contents) ◆ Movie file formats : MPEG 4, WMV9 ◆ Resolution : Less than 1024 x 768
A menu is not displayed immediately when I press the menu button.	◆ Displaying the menu and other operations may take some time while the product is loading an image to display on the screen.
File or folder names are not displayed correctly.	◆ When a file or folder name includes letters and numbers other than English, it may be displayed as '*'. If you need a file or folder name to be displayed correctly, and not as '*', change it to English letters and numbers only.

Terminology

Terms	Description
MPEG4 (Motion Picture Expert Group4)	◆ MPEG4 is a movie compression technology for video communications which enables implementing bi-directional multimedia. It was developed to make it possible to transmit movies over low speed lines on the Internet or for mobile communications. It is used widely on PCs, TVs and cell phones. A movie file formatted in the MPEG4 format is called an MPG or MPEG file.
WMV9 (Window Media Video9)	◆ A video codec in the MPEG4 format developed by Microsoft
MP3 (MPEG Audio Layer-3)	◆ MP3 is a high quality audio compression technology. It provides a 50 times higher compression than CD. Because it provides high quality and a low size for its compression ratio, it is commonly used on the Internet and for FM radio transmissions, etc. An audio file formatted in the MP3 format is called an MP3 file.
JPEG (Joint Photographic Coding Expert Group)	◆ JPEG is an image compression technology. It provides the smallest loss of all image compression technologies. It is used widely to transmit multimedia files on the Internet and for other uses. An image file formatted in the JPEG format is called a JPEG or JPG file. Usually, a JPEG file is created by taking a picture with a digital camera, by drawing on a computer, or by a graphic package and then by compressing the graphics image into the JPEG format.
CF Card (CompactFlash Card)	◆ A CF card provides a higher capacity than other types of memory card. Because the controller is embedded in the memory, it provides high compatibility. It is widely used in various digital products such as PDAs, digital cameras, MP3 players, cell phones, and notebook PCs.
SD Card (Secure Digital Card)	◆ An SD card is a Flash memory card the size of a postage stamp. It provides high stability and high capacity. It is widely used in various digital products such as PDAs, digital cameras, MP3 players, cell phones, and notebook PCs. Its appearance is similar to that of MMC, but the number of pins and their thickness is different. It also has a password setting function for data security.
USB Cable 1) A-mini B type	◆ Use the up stream terminal when connecting to a PC. This product supports USB 2.0. An A-mini B type cable which is used to connect your digital photo frame to a PC is provided with the product. The A type is the USB connector used to connect to a PC. The B type is the USB connector used to connect to an external device. You can connect your digital photo frame to a PC using an A-mini B type USB cable.
USB Cable 2) Cable for Connecting Other Devices	◆ Use this type of cable when using the down stream terminal. This product supports USB 2.0. When connecting an external device to the down stream terminal, use the USB cable provided with the external device.

Service Centers

If you need a product service, contact or visit a Samsung **service center**.
For services for network connection and the Server.

Services	Contacts
Samsung Electronics web site	**http://www.samsung.com**

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

North America		
U.S.A	1-800-SAMSUNG (7267864)	**http://www.samsung.com/us**
CANADA	1-800-SAMSUNG (7267864)	**http://www.samsung.com/ca**
MEXICO	01-800-SAMSUNG (7267864)	**http://www.samsung.com/mx**

Latin America		
ARGENTINE	0800-333-3733	**http://www.samsung.com/ar**
BRAZIL	0800-124-421 4004-0000	**http://www.samsung.com**
CHILE	800-SAMSUNG(726-7864)	**http://www.samsung.com/cl**
COLOMBIA	01-8000112112	**http://www.samsung.com/co**
COSTA RICA	0-800-507-7267	**http://www.samsung.com/latin**
ECUADOR	1-800-10-7267	**http://www.samsung.com/latin**
EL SALVADOR	800-6225	**http://www.samsung.com/latin**
GUATEMALA	1-800-299-0013	**http://www.samsung.com/latin**
HONDURAS	800-7919267	**http://www.samsung.com/latin**
JAMAICA	1-800-234-7267	**http://www.samsung.com/latin**
NICARAGUA	00-1800-5077267	**http://www.samsung.com/latin**
PANAMA	800-7267	**http://www.samsung.com/latin**
PUERTO RICO	1-800-682-3180	**http://www.samsung.com/latin**
REP. DOMINICA	1-800-751-2676	**http://www.samsung.com/latin**
TRINIDAD & TOBAGO	1-800-SAMSUNG(726-7864)	**http://www.samsung.com/latin**
VENEZUELA	0-800-100-5303	**http://www.samsung.com/latin**

Europe		
AUSTRIA	0800-SAMSUNG(726-7864)	**http://www.samsung.com/at**

BELGIUM	02 201 2418	**http://www.samsung.com/be**
CZECH REPUBLIC	800-726-786 (800 - SAMSUNG) Distributor pro Českou republiku: Samsung Zrt., česká organizační složka, Oasis Florenc, Sokolovská394/17, 180 00, Praha 8	**http://www.samsung.com/cz**
DENMARK	70 70 19 70	**http://www.samsung.com/dk**
EIRE	0818 717 100	**http://www.samsung.com/ie**
FINLAND	030-6227 515	**http://www.samsung.com/fi**
FRANCE	3260 SAMSUNG (€ 0,15/Min) 08 25 08 65 65 (€ 0,15/Min)	**http://www.samsung.com/fr**
GERMANY	01805 -SAMSUNG(726-7864) (€ 0,14/Min)	**http://www.samsung.de**
HUNGARY	06-80-SAMSUNG(726-7864)	**http://www.samsung.com/hu**
ITALIA	800-SAMSUNG(726-7864)	**http://www.samsung.com/it**
LUXEMBURG	02 261 03 710	**http://www.samsung.com/lu**
NETHERLANDS	0900-SAMSUNG (726-7864 € 0,10/Min)	**http://www.samsung.com/nl**
NORWAY	815-56 480	**http://www.samsung.com/no**
POLAND	0 801 801 881 022-607-93-33	**http://www.samsung.com/pl**
PORTUGAL	80820-SAMSUNG(726-7864)	**http://www.samsung.com/pt**
SLOVAKIA	0800-SAMSUNG (7267864)	**http://www.samsung.com/sk**
SPAIN	902-1-SAMSU(72678)	**http://www.samsung.com/es**
SWEDEN	0771-400 200	**http://www.samsung.com/se**
SWITZERLAND	0800-SAMSUNG(726-7864)	**http://www.samsung.com/ch**
U.K	0845 SAMSUNG (7267864)	**http://www.samsung.com/uk**

CIS		
ESTONIA	800-7267	**http://www.samsung.ee**
LATVIA	8000-7267	**http://www.samsung.com/lv**
LITHUANIA	8-800-77777	**http://www.samsung.lt**
KAZAKHSTAN	8-10-800-500-55-500	**http://www.samsung.kz**
KYRGYZSTAN	00-800-500-55-500	
RUSSIA	8-800-555-55-55	**http://www.samsung.ru**
TADJIKISTAN	8-10-800-500-55-500	
UKRAINE	8-800-502-0000	**http://www.samsung.ua**
UZBEKISTAN	8-10-800-500-55-500	**http://www.samsung.com/kz_ru**

Asia Pacific		
AUSTRALIA	1300 362 603	**http://www.samsung.com/au**
CHINA	800-810-5858 400-810-5858 010-6475 1880	**http://www.samsung.com/cn**

	HONG KONG : 3698-4698	http://www.samsung.com/hk
INDIA	3030 8282 1800 110011 1-800-3000-8282	http://www.samsung.com/in
INDONESIA	0800-112-8888	http://www.samsung.com/id
JAPAN	0120-327-527	http://www.samsung.com/jp
MALAYSIA	1800-88-9999	http://www.samsung.com/my
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	http://www.samsung.com/nz
PHILIPPINES	1800-10-SAMSUNG(726-7864)	http://www.samsung.com/ph
SINGAPORE	1800-SAMSUNG(726-7864)	http://www.samsung.com/sg
THAILAND	1800-29-3232 02-689-3232	http://www.samsung.com/th
TAIWAN	0800-329-999	http://www.samsung.com/tw
VIETNAM	1 800 588 889	http://www.samsung.com/vn

Middle East & Africa		
SOUTH AFRICA	0860-SAMSUNG(726-7864)	http://www.samsung.com/za
TURKEY	444 77 11	http://www.samsung.com/tr
U.A.E	800-SAMSUNG (726-7864) 8000-4726	http://www.samsung.com/ae

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